



PATENT APPLICATION  
PO-8233-1  
RC-231

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
LUDGER HEILIGER ET AL )  
SERIAL NUMBER: 10/573,333 )  
FILED: MARCH 24, 2006 )  
TITLE: MICROGEL-CONTAINING )  
THERMOPLASTIC ELASTOMER )  
COMPOSITION )

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 or facsimile transmitted to the USPTO on the date below:

Jennifer R. Seng Reg. No. 45,851  
Name of applicant, assignee or Registered Representative

\_\_\_\_\_  
Signature  
June 20, 2006  
Date

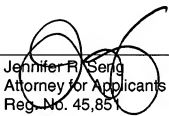
Enclosed are copies of documents listed on the attached Form PTO-1449 (with the exception of U.S. Patents).

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

By



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Form 101 7-80 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office <b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use Several Sheets If Necessary)	Atty. Docket No. PO-8233-1/RC-231	Serial No. 10/573,333
		Applicant Ludger Helliger et al	
		Filing Date March 24, 2006	Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/NN/	AA	4,173,556	11/06/79	Coran et al	280	30.8 R	
	AB	5,082,732	01/21/92	Bal. to corresp. to DE-A Ueda et al	<del>3520662</del> 428	402	
	AC	5,112,910	05/12/92	Bal. to corresp. to DE Piejko et al	<del>3522100</del> 525	84	
	AD	5,124,408	06/23/92	Bal. to corresp. to EP Engels et al	<del>466246</del> 525	215	
	AE	5,395,891	03/07/95	Bal. to corresp. to DE Obrecht et al	<del>4220563</del> 525	194	
	AF	5,536,613	07/16/96	Chang et al	430	137	
	AG	6,127,488	10/03/00	Bal. to corresp. to DE Obrecht et al	<del>49701400</del> 525	333.3	
	AH	6,133,364	10/17/00	Bal. to corresp. to DE Obrecht et al	<del>49804000</del> 524	495	
	AI	6,184,296	02/06/01	Bal. to corresp. to DE Obrecht et al	<del>49701400</del> 525	232	
	AJ	6,207,757	03/27/01	Bal. to corresp. to DE Obrecht et al	<del>49804004</del> 525	194	
/NN/	AK	6,242,534	06/05/01	Bal. to corresp. to DE Obrecht et al	<del>49804002</del> 525	191	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
/NN/	AL	1,078,400	06/09/67	Great Britain				
/NN/	AM	197 01 487	07/23/98	Germany (Abstract Attached)				
/NN/	AN	02-53803	02/22/90	Japan (Abstract Attached)				
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR		Chinese Journal of Polymer Science, Vol. 20, No. 2, (2002), pages 98-99, Yi-qun Liu et al; Rapid Communication "SPECIAL EFFECT OF ULTRA-FINE RUBBER PARTICLES ON PLASTIC TOUGHENING"
		DOCUMENT MISSING
AS		
AT		
EXAMINER	/Nathan Nutter/	DATE CONSIDERED 05/14/2010
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.		

\* Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office <b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use Several Sheets If Necessary) JUL 31 2006	Atty. Docket No. PO-8233-1/RC-231	Serial No. 10/573,333
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/NN/	AA 2001/0051685	12/13/01	Bel. to corresp. to DE Obrecht et al	<del>10021076</del> 524	526	
	AB 6,372,857	04/16/02	Bel. to corresp. to DE Obrecht et al	<del>18942020</del> 525	332.6	
	AC 2002/0049282	04/25/02	Bel. to corresp. to DE Obrecht et al	<del>16000408</del> 525	194	
	AD 6,399,706	06/04/02	Bel. to corresp. to DE Obrecht et al	<del>169900470</del> 525	191	
	AE 2002/0077414	06/20/02	Bel. to corresp. to DE Obrecht	<del>16005463</del> 524	804	
	AF 6,423,760	07/23/02	Bel. to corresp. to EP Qiao et al	<del>1202510</del> 522	150	
	AG 2002/0123564	09/05/02	Bel. to corresp. to DE Obrecht et al	<del>160003748</del> 525	30	
	AH 2002/0161119	10/31/02	Bel. to corresp. to DE Obrecht et al	<del>16052007</del> 525	133	
	AI 2003/0088036	05/08/03	Huang et al	525	523	
	AJ 6,573,346	06/03/03	Bel. to corresp. to DE Melchior et al	<del>10042614</del> 526	217	
/NN/	AK 6,579,945	06/17/03	Bel. to corresp. to DE Obrecht et al	<del>16050941</del> 525	192	

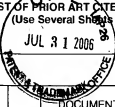
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/NN/	AA 6,620,866	09/16/03	<del>Bel. to corresp. to DE 19980866</del> Obrecht et al	<del>524</del>	81	
/NN/	AB 6,620,866	09/16/03	<del>Bel. to corresp. to DE 19981174</del> Obrecht et al	<del>525</del>	191	
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
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